

THE ABSTRACT

Please insert the Abstract as follows:

DIRECTIONAL SLIDING PENDULUM SEISMIC ISOLATION SYSTEMS AND ARTICULATED SLIDING ASSEMBLIES THEREFOR

Abstract of the Disclosure

A bi-directional sliding pendulum seismic isolation system for reducing seismic force acting on a structure by sliding pendulum movements, each system comprising a lower sliding plate forming a sliding path in a first direction, an upper sliding plate forming a sliding path in a second direction, and a sliding assembly for reducing the seismic force of the structure by performing a pendulum motion by sliding along the lower and upper sliding plates.